

Center for Signal Processing

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<u>Overview</u>	<u>Technologies</u>	<u>Status</u>	<u>Economic Impact</u>
Current State Contract \$130,000	* VLSI research	* Initial image compression products now being marketed through Eyring Research Institute	* New company ASTECH with 24 employees created from center technology
Matching Funds \$1,544,774 Cumulative \$4,096,928	* Image compression		
Industry Jobs Created 41	* Speech processing	* ICON donated one of their largest computers and operating capital to CSP	* Deseret Digital Designs, another new startup from center technology
Center Related Jobs 14	* Robotics controls for manufacturing		
Benefiting Utah Companies Unisys, USU, Softsolutions, Deseret Digital Design, Eyring Research Institute	* Optimal estimation theory research	* Rights to hearing aid technology now licensed	* Soft Solutions, an Orem, Utah company has licensed center technology to expand their product base
Patents Applied 3	* Computational Compression Techniques (CCT)	* CCT transferred to Unisys for use in DOD and gov't work in synthetic radar image formation applications	* Vector Technologies, another new company, was formed to market image processing products from the center
Patents Issued 1	* Human hearing model incorporated into a digital hearing aid	* Data compression software licensed to two Utah corporations	* Digital hearing aid potential market \$8 million to \$12 million in US
License Agreements 7			